



Express Mail No. EV 456 933 494 US

POWER OF ATTORNEY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Richman *et al.*

Confirmation No.: 2397

Serial No.: 10/077,027

Art Unit 1648

JUL 12 2004

Filed: February 15, 2002

Examiner U. Winkler

EX 1600/2900

For: COMPOSITIONS AND METHODS FOR
EVALUATING VIRAL RECEPTOR/CO-
RECEPTOR USAGE AND INHIBITORS
OF VIRUS ENTRY USING
RECOMBINANT VIRUS ASSAYS

Attorney Docket No.: 11068-008-999

REVOCATION AND POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

ViroLogic, Inc., Assignee, hereby revokes any and all previous powers and appoints:

☒ Practitioners at Customer Number 20583

as its attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please direct all correspondence address for the above-identified application to:

☒ The above mentioned Customer Number.

☒ Firm or Individual Name:

Address: Jones Day, 222 East 41st Street, New York, New York 10017

Telephone: (212) 326-3939

I am the:

☐
☒

Applicant/Inventor
Assignee of record of the entire interest. See 37 CFR 3.71.
(Statement under 37 CFR 3.73(b) is applicable)

SIGNATURE of Applicant or Assignee of Record			
Date:	6/16/2004	Signature:	
		Typed Name:	Kathy Hibbs
		Position/Title:	Vice President and General Counsel

Statement Under 37 C.F.R. 3.73(b)

Virologic, Inc., states that it is:

- ☒ the assignee of the entire right, title, and interest; or
☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of either:

- ☒ An assignment from the inventor(s) of the patent application/patent identified above, a copy which is attached hereto.

OR

- ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: To:
The document was recorded in the United States Patent and Trademark Office on at
Reel , Frame , or for which a copy thereof is attached.

2. From: To:
The document was recorded in the United States Patent and Trademark Office on
at Reel , Frame , or for which a copy thereof is attached.

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The document was recorded in the United States Patent and Trademark Office on
at Reel , Frame , or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.
[Note: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

ASSIGNEE:

ViroLogic, Inc.

Date:

6/16/04

Signature:



Typed Name:

Kathy Hibbs

Position/Title:

Vice President and General Counsel

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required.

- ☒ Total of 1 form is submitted.



UNITED STATES
PATENT AND
TRADEMARK OFFICE



JUL 12 2004

JANUARY 06, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

PENNIE & EDMONDS LLP
NIKOLAOS C. GEORGE
1155 AVENUE OF THE AMERICAS
NEW YORK, NEW YORK 10036-2711



102237613A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/25/2002

REEL/FRAME: 013331/0062
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RICHMAN, DOUGLAS ✓

DOC DATE: 09/03/2002

ASSIGNOR:

WRIN, MARY T. ✓

DOC DATE: 08/22/2002

ASSIGNOR:

LITTLE, SUSAN ✓

DOC DATE: 09/05/2002

ASSIGNOR:

PETROPOULOS, CHRISTOS J. ✓

DOC DATE: 08/22/2002

ASSIGNOR:

PARKIN, NEIL T. ✓

DOC DATE: 08/22/2002

ASSIGNOR:

WHITCOMB, JEANNETTE M. ✓

DOC DATE: 08/24/2002

ASSIGNOR:

HUANG, WEI

DOC DATE: 08/22/2002

RECEIVED RECORDS

JAN 15 2003
Mirmira-
* DOCKETING CA OFFICE

11068-008-999

REFERRED TO <u>Rivera/MIRM</u>
REC'D
JAN 14 2003
Pennie & Edmonds
O.K. for filing

CA

013331/0062 PAGE 2

ASSIGNEE:

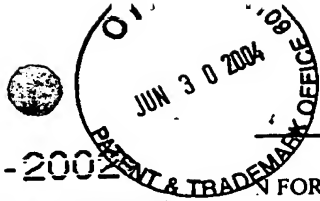
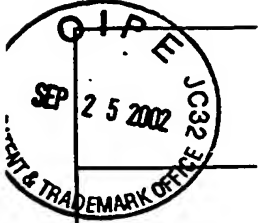
VIROLOGIC, INC. ✓
345 OYSTER POINT BLVD.
SOUTH SAN FRANCISCO, CALIFORNIA

94080-4811

SERIAL NUMBER: 10077027 ✓
PATENT NUMBER:

FILING DATE: 02/15/2002 ✓
ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



9-26-02

D 8

Express Mail Number: EL 451 598 500 US

10-01-2002



FORM COVER SHEET
ENTS ONLY

Attorney Docket Number
11068-008-999

102237613

COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

JUL 12 2004

Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): <u>9-25-02</u> Douglas Richman; Mary T. Wrin; Susan Little; Christos J. Petropoulos; Neil T. Parkin; Jeannette M. Whitcomb; Wei Huang</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>09/03/02; 08/22/02; 09/05/02;</u> <u>08/22/02; 08/22/02; 08/24/02; 08/22/02, respectively</u></p>	<p>2. Name and address of receiving party(ies): <u>TECH CENTER 1600/2300</u> Name: <u>ViroLogic, Inc.</u> Address: <u>345 Oyster Point Blvd.</u> <u>South San Francisco, CA 94080-4811</u> Country (if other than USA): _____</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) <u>10/077,027</u> filed on February 15, 2002	B. Patent No.(s) _____
---------------------------------------------------------------------------	------------------------

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed: PENNIE & EDMONDS LLP 1155 Avenue of the Americas New York, New York 10036-2711	6. Number of applications and patents involved: <u>1</u>
	7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u> Please charge to the deposit account listed in Section 8.
	8. Deposit account number: <u>16-1150</u>

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

<u>Nikolaos C. George</u> Name of Person Signing	<u>39201</u> Reg. No.	<u>Nikolas C. George</u> Signature	<u>September 25, 2002</u> Date
-----------------------------------------------------	--------------------------	---------------------------------------	-----------------------------------

09/30/2002 LUPELLER 00000109 161150 10077027
01 FC:581 40.00 CH

Total number of pages including cover sheet: 6

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231

JOINT

ASSIGNMENT

WHEREAS, WE, Douglas Richman; Mary T. Wrin; Susan Little; Christos J. Petropoulos; Neil T. Parkin; Jeanette M. Whitcomb; Wei Huang, ASSIGNORS, citizens of the United States, residing at , are the inventors of the invention in COMPOSITIONS AND METHODS FOR EVALUATING VIRAL RECEPTOR/CO-RECEPTOR USAGE AND INHIBITORS OF VIRUS ENTRY USING RECOMBINANT VIRUS ASSAYS for which we have executed an application for a Patent of the United States

☒ which is executed on ☒ even date herewith or ☐ _____

☒ which is identified by Pennie & Edmonds LLP docket no. 11068-008-999
☒ which was filed on February 15, 2002, Application No. 10/077,027

and WHEREAS, ViroLogic, Inc., ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date _____, 2002 _____ L.S.
Douglas Richman

State of _____ }
County of _____ } SS.:

On _____, 2002, before me, _____, Notary Public, personally appeared Douglas Richman, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Date 08/22/02, 2002

M. T. Wrin
Mary T. Wrin

L.S.

State of

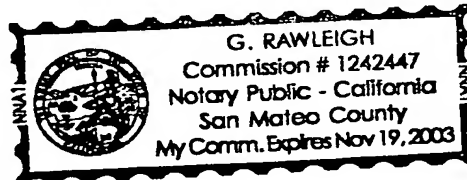
} SS.:

County of

On 4/3/2002, 2002, before me, Mary T. Wrin, Notary Public, personally appeared Mary T. Wrin, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

G. Rawleigh



Date _____, 2002

Susan Little

L.S.

State of

} SS.:

County of

On _____, 2002, before me, _____, Notary Public, personally appeared Susan Little, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Date AUG 22, 2002

Christos J. Petropoulos
Christos J. Petropoulos

L.S.

State of

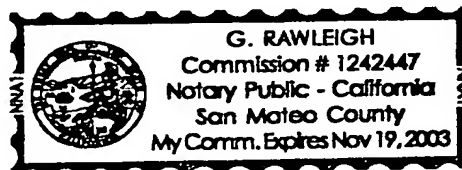
} SS.:

County of

On 9/3/2002, 2002, before me, Christos J. Petropoulos, Notary Public, personally appeared Christos J. Petropoulos, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

G. Rawleigh



Date Aug 22, 2002, 2002

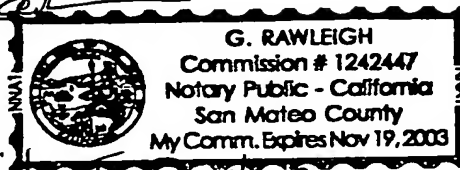
Neil T. Parkin
Neil T. Parkin

L.S.

State of

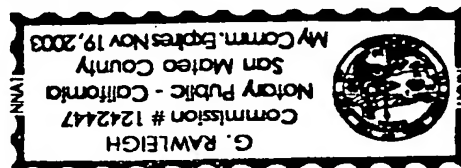
} SS.:

County of



On 08/03/2002, 2002, before me, Neil T. Parkin, Notary Public, personally appeared Neil T. Parkin, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



Date 08/24/2002, 2002

Jeannette M. Whitcomb
Jeannette M. Whitcomb

L.S.

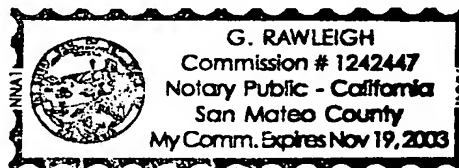
State of

} SS.:

County of

On 9/3/2002, 2002, before me, Jeannette M. Whitcomb, Notary Public, personally appeared Jeannette M. Whitcomb, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



Date 08/22/02, 2002

Wei Huang
Wei Huang

L.S.

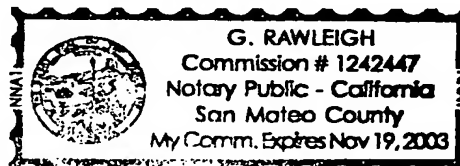
State of

} SS.:

County of

On 9/3/02, 2002, before me, Wei Huang, Notary Public, personally appeared Wei Huang, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



ASSIGNMENT

WHEREAS, WE, Douglas Richman; Mary T. Wrin; Susan Little; Christos J. Petropoulos; Neil T. Parkin; Jeanette M. Whitcomb; Wei Huang, ASSIGNORS, citizens of the United States, residing at , are the inventors of the invention in COMPOSITIONS AND METHODS FOR EVALUATING VIRAL RECEPTOR/CO-RECEPTOR USAGE AND INHIBITORS OF VIRUS ENTRY USING RECOMBINANT VIRUS ASSAYS for which we have executed an application for a Patent of the United States

☒ which is executed on ☒ even date herewith or ☐ _____

☒ which is identified by Pennie & Edmonds LLP docket no. 11068-008-999
☒ which was filed on February 15, 2002, Application No. 10/077,027

and WHEREAS, ViroLogic, Inc., ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;


AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date September 3, 2002

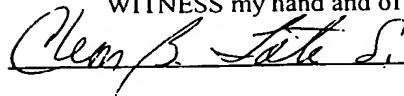

 Douglas Richman

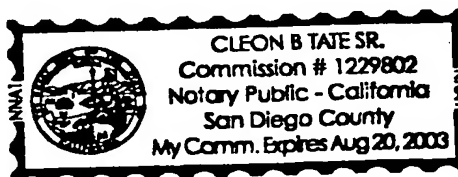
L.S.

State of California)
 County of San Diego) SS.:

On September 3, 2002, before me, Cleon B. Tate Sr., Notary Public, personally appeared Douglas Richman, personally known to me on the basis of satisfactory evidence to be the person(x) whose name(x) is subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(x) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.

WITNESS my hand and official seal





Date 08/22/02, 2002 Mary T. Wrin L.S.

State of _____ }
County of _____ } SS.:

On _____, 2002, before me, _____, Notary Public, personally appeared Mary T. Wrin, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

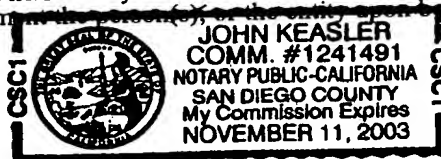
WITNESS my hand and official seal

Date 9/5, 2002 Susan Little L.S.

State of _____ }
County of _____ } SS.:

On SEPT. 5, 2002, before me, JOHN KEASLER, Notary Public, personally appeared Susan Little, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



Date AUG 22,, 2002 Christos J. Petropoulos L.S.

State of _____ }
County of _____ } SS.:

On _____, 2002, before me, _____, Notary Public, personally appeared Christos J. Petropoulos, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal